Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 22 Dec 2021 until 23:59 on Thursday 23 Dec 2021

Forecast Issued on Tuesday 21 Dec 2021 at 15:00

Confidence: High for Wednesday but confidence lowering from Thursday and more especially Friday due to uncertainties in the position of weather fronts over the United Kingdom.

Headline for Wednesday 22 Dec 2021: Dry morning, outbreaks of rain arriving in afternoon. Feeling cold.

Mountain weather hazards on Wednesday 22 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Partly cloudy (night)	Sunny intervals	Cloudy	Light rain	Light rain	Fog
Precipitation probability							
<05%	<05%	<05%	<05%	10%	40%	70%	70%

Forecast for Wednesday 22 Dec 2021

Weather: Dry overnight with the odd mist or fog patch and a frost. A dry morning, some brightness at first but high cloud thickening by afternoon. Outbreaks of mostly light rain will spread east through the afternoon with perhaps some sleet for a time.

Chance of cloud free mountain/hill tops above 600m: 90% for most of the day, becoming 20% after dark as low cloud spreads in.

Visibility: Generally good during daytime. Reducing to a few kilometres at times in the afternoon rain with some fog developing on the highest summits later. The fog will become more extensive down to 200 or 300m by late evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 22 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 SE	15/20 SE	18/24 S	20/28 S	18/28 S	16/25 S	16/25 S	17/26 S	16/24 SW
300	7/14 SE	7/16 SE	10/20 SE	12/22 SE	11/19 SE	10/19 SE	13/23 S	11/18 S	9/14 S
Valley	5/13 SE	5/12 SE	6/15 SE	7/18 SE	6/15 SE	6/15 SE	7/16 SE	6/14 SE	4/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	2/-3	3/-2	4/-1	4/-2	4/-0	4/-1	4/-2	4/-1
300	1/-2	1/-3	0/-4	1/-4	2/-2	3/-0	4/-1	4/-0	5/2
Valley	0/-2	0/-2	0/-3	1/-2	3/0	3/1	4/1	4/2	5/3
Freezing Level*	200m	200m	200m	200m	300m	1100m	1900m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day but dry until into the afternoon. Note the worsening conditions developing on the hills after dark as fog becomes more extensive at height during the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 21 Dec 2021	1.2mm	1.4mm	1.8mm

Forecast for Thursday 23 Dec 2021

Weather: Cloudy and misty with outbreaks of mainly light rain or drizzle. A band of heavier rain will move northeast across all parts late afternoon or early evening then dry and clearer conditions following. Milder conditions than of late.

Maximum wind: South or Southeast 20mph gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 10%.

Visibility: Difficult navigation conditions. Very poor at most levels with areas of fog above 300 or 400m, occasionally down to lower slopes. Generally hazy below the cloud base.

Temperature: **Valleys:** Plus 5C rising to 9 or 10C.
At 600m: Plus 4C rising to 6C.
Freezing level: Above summits.

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